

TABLE 1

SELECTION OF CHEMICALS OF POTENTIAL CONCERN

Georgia-Pacific Corporation California Wood Products Manufacturing Facility

90 West Redwood Avenue, Fort Bragg, California

(Note: ESL, CHSSL, and other water quality criteria provided as guidance for data quality objectives.)

Process	Substances Used or Waste Products	COPCs	Soil		Min ESL / CHSSL (mg/kg)	Water		Min ESL / Other (µg/L)	Notes
			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Aircraft Fueling	Aviation Gasoline	TPHg	EPA 8015	1	100	EPA 8015	50	100	
		VOCs (BTEX, alkyl-benzenes)	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
		Lead	EPA 6010B	0.15	150	EPA 6020B	1	2.50	
	Aviation Turbine Fuels (Jet A)	TPHd	EPA 8015	1	100	EPA 8015	50	100	
		Naphthalene, minor BTEX	EPA 8260	0.005 for most	0.044	EPA 8260 Low Level	0.5 for most	1	Reference ESL for benzene.
Boiler coolant/cooling towers	Corrosion inhibitors, water conditioners	Cr VI+	EPA 3060A w/ 7199	0.5	1.8	EPA 6020/ EPA 7199	1	11	For water, If total Cr detected by 6020, then analyze samples by 7199.
		Sodium molybdate	EPA 6010B	1	40	EPA 6020B	5	35	Analyze for molybdenum (G-P Chemical Inventory).
	Disinfectants/ Other	Didecyldimethyl-ammonium chloride (DDAC)	None	None	None	NCL (GC-MS)	5	None/ 49 (Note 8)	Analyze select samples. Strongly adsorbed to soil, sediment. Also used as antifungal on wood. (Listed as "dedeyldethyl" on G-P Chemical Inventory).
		Ethanol	EPA 8260	100	None	EPA 8260 Low Level	100	None/ 760,000 (Note 6)	Add to compound list. (G-P Chemical Inventory).
		Isopropanol	EPA 8260	100	None	EPA 8260 Low Level	100	None/ 160,000 (Note 6)	Add to compound list. (G-P Chemical Inventory).
Boiler feed water	Water conditioners, scale removal	Trisodium nitrilotriacetate monohydrate (Nitrilotriacetate, trisodium monohydrate)	None	None	None	GC / MS	-	None/3.5 (Note 5)	Analyze select samples. See also nitrilotriacetic acid and its salts. (G-P Chemical Inventory).

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Boiler fueling and operation	Bunker C, residual fuel	TPHo	EPA 8015	1	500	EPA 8015	300/ 78	100	Water TPHo report to MDL of 78.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)
	Motor oil, used	TPHo	EPA 8015	1	500	EPA 8015	300/ 78	100	Water TPHo report to MDL of 78.
		VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)
	Bottom ash waste, may include clinker	PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		Dioxins and furans	EPA 8290	1.00E-06	4.62E-06	EPA 8290	1.00E-05	5.00E-06	Analyze select samples where ash, maximum PAH concentrations present. ESL and MDL provided for 2,3,7,8-TCDD
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Compressors	Compressor oil	TPHo	EPA 8015	1	500	EPA 8015	300/ 78	100	Water TPHo report to MDL of 78.
Explosives Storage at Explosives Bunker, Parcel 1	Explosives (Dynamite and Ammonium Nitrate)	Nitroglycerine (trinitroglycerol)	EPA 8332	-	None	EPA 8332	-	None/ 2 (Note 9)	
		Nitrate, as N	EPA 300.0	0.5	None	EPA 300.0	50	None/ 10,000 (Note 12)	
Fiber Plant (Parcel 6)	Wood fiber. May also include additives such as rosin, alum, asphalt, paraffin, natural and synthetic resins.	Paraffin and asphalt as TPHd, TPHo.	EPA 8015	1	100	EPA 8015	50 to 300/ 78	100	Water TPHo report to MDL of 78. No specific data on synthetic resin use.
Glu-Lam	Phenol-resorcinol formaldehyde resin, resorcinol-formaldehyde resin, and/or phenol-formaldehyde resin	Phenol	EPA 8270	0.33/ 0.03	0.08	EPA 8270	10/ 0.5	5	Report to MDL. Most resins supplied in liquid form, with hardener added to resorcinol resins. Curing temperature varies by formula from room temperature to 275 F. (USDA, Eckelman)
		Resorcinol	EPA 8270	-	None	EPA 8270	100/	None/ 30 (Note 2)	Add to compound list. (C&T 8270 added compound.)
		Formaldehyde	NA	NA	None	NA	NA	None	Unstable in water (ATSDR)
	Urea-formaldehyde resin	Formaldehyde	NA	NA	None	NA	NA	None	Unstable in water (ATSDR)

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Lumber Surface Treatment at Planers (and potentially Green Chain) and Parcel 1	Pentachlorophenol, technical grade	Pentachlorophenol	EPA 8270	0.67	4.41	EPA 515.1	0.1	1	(DEQ, reference for PCP use)
		Tetrachlorophenol	EPA 8270	-	None	EPA 8270	10/-	None/ 1 (Note 1)	Add to compound list. (C&T 8270 added compound.) Present at approximately 4 percent (ATSDR).
		Dioxins and furans	EPA 8290	1.00E-06	4.62E-06	EPA 8290	1.00E-05	5.00E-06	Analyze where pentachlorophenol detected. Present at parts per thousand levels (ASTDR). ESL and MDL provided for 2,3,7,8-TCDD
	Fungicide	Didecyldimethyl-ammonium chloride (DDAC)	None	None	None	NCL (GC-MS)	5	None/ 49 (Note 8)	Analyze select samples. Strongly adsorbed to soil, sediment. Also used in cooling tower. (Listed as "dedeyldethyl" on G-P Chemical Inventory).
		Propiconazole (Banner)	NA	NA	None	NCL	5	None/ 91 (Note 3)	(RWQCB)
Lumber Treatment at Dip Tanks	Pentachlorophenol, technical grade	Pentachlorophenol	EPA 8270	0.67	4.41	EPA 515.1	0.1	1	
		Tetrachlorophenol	EPA 8270	-	None	EPA 8270	10/-	None/ 1 (Note 1)	Add to compound list. (C&T 8270 added compound.) Present at approximately 4 percent (ATSDR).
		Dioxins and furans	EPA 8290	1.00E-06	4.62E-06	EPA 8290	1.00E-05	5.00E-06	Analyze where pentachlorophenol detected. Present at parts per thousand levels (ASTDR). ESL and MDL provided for 2,3,7,8-TCDD

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Machinery routine maintenance at sawmills, planing mills, sorting mills, debarkers, chippers, etc.	Hydraulic oils and machine lubricants; petroleum solvents	TPH as stoddard, naphtha solvents (petroleum-based solvents in range of TPHd); TPH as lubricants (in range of TPHo)	EPA 8015	1	100	EPA 8015	50 to 300/78	100	Analyze as TPHd, TPHo. Water TPHo report to MDL of 78.
	Chlorinated solvents, paint solvents	VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
Maintenance Shops; Including Electrical, Machine, Plumbing and Sheet Metal Shops, and Plant Supply	Degreasers, parts cleaners, solvents, paint thinners, cutting oil, hydraulic oil, other lubricants	TPH as kerosene, stoddard, naphtha solvents (petroleum-based solvents in range of TPHd); TPH as cutting oils, lubricants (in range of TPHo)	EPA 8015	1	100	EPA 8015	50 to 300/78	100	Analyze as TPHd, TPHo. Water TPHo report to MDL of 78.
		VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
	Electrical component dielectric fluid	PCBs, individual congeners	EPA 8082	0.012	0.22/ 0.089	EPA 8082	0.5/ 0.01 to 0.025	0.014	Report water samples to MDL. Analyze for congeners rather than Arochlor ranges.
	Metals and metal anticorrosion paints	CA Title 22 Metals	EPA 6010B/7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Motor Vehicle Fueling	Gasoline	TPHg	EPA 8015	1	100	EPA 8015	50	100	
		VOCs (BTEX, alkyl-benzenes, EDB, DCE)	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
		Lead	EPA 6010B	0.15	150	EPA 6020B	1	2.50	
	Diesel	TPHd	EPA 8015	1	100	EPA 8015	50	100	
		BTEX	EPA 8260	0.005 for most	0.044	EPA 8260 Low Level	0.5 for most	1	Reference ESL for benzene.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
Motor Vehicle Maintenance	Gasoline, diesel, used motor oil, hydraulic oil, degreasers	TPHg	EPA 8015	1	100	EPA 8015	50	100	
		TPHd, TPHo	EPA 8015	1	100	EPA 8015	50 to 300/ 78	100	Water TPHo report to MDL of 78.
		VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)
	Antifreeze	Ethylene glycol	NA	NA	None	EPA 8015	5000	14000 (Note 4)	Limited ground water sampling at selected locations. Highly soluble in water, leachable, and biodegradable (ASTDR).

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Nursery	Fertilizer	Nitrate, as N	EPA 300.0	0.5	None	EPA 300.0	50	None/ 10,000 (Note 12)	
	Pesticides (Note: Analyze initial samples at sump, etc. for full list. Select subset for further analysis based on concentrations and screening levels)	Banrot 40-WP (etridiazole)	NCL	0.02	None	NCL	-	None	Fungicide (RWQCB, G-P Chemical Inventory) See also Truban
		Benlate WP (benomyl)	None	NA	None	EPA 402	100	None/ 350 (Note 3)	Fungicide (RWQCB)
		Captan 50-WP (captan)	None	NA	None	EPA 632M	5	None/ 1.5 (Note 4)	Fungicide (RWQCB, G-P Chemical Inventory)
		Chipco 26019 (iprodione)	None	NA	None	EPA 632M	1	None/ 280 (Note 3)	Fungicide (G-P Chemical Inventory)
		Daconil 2787 (chlorothalonil)	EPA 8081M	0.1	None	AB 1803	0.1	None/ 1.5 (Note 9)	Fungicide (RWQCB)
		Dithane M-45 (ziram)	EPA 630M	0.5	None	EPA 630	5	None/ 87.5 (Note 10)	Fungicide (RWQCB)
		Subdue 2E (Apron, Metalaxyl)	None	NA	None	EPA 632M	10	None/ 420 (Note 3)	Fungicide (G-P Chemical Inventory)
		Truban (etridiazole)	NCL	0.02	None	NCL	-	None	Fungicide (RWQCB) See also Banrot
		Aldrin	EPA 8081A	0.02	0.032/ 0.033	EPA 508	0.01	0.002	Insecticide (Reported in previous sampling)
		DDT (dichlorodiphenyl-trichloroethane)	EPA 8081A	0.02	1.62/ 1.6	EPA 8081A	0.1	0.001	Insecticide (Reported in previous sampling)
		Endosulfan I	EPA 8081A	0.02	0.0046	EPA 8081A	0.1	0.0087	Insecticide (Reported in previous sampling) ESLs are for Endosulfan, n.o.s.
		Diazinon	EPA 8141A	0.5	None	EPA 8141A	0.5	None/ 0.6 to 14 (Note 10)	Insecticide (RWQCB)

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Nursery - continued	Pesticides - continued	Malathion	EPA 8141A	0.5	None	EPA 8141A	0.5	None/ 0.34 (Note 11)	Insecticide (RWQCB)
		Atrazine	EPA 619M	1	None	EPA 619	0.5	1 (Note 12)	Herbicide (Reported in previous sampling)
		Garlon 3A and 4 (triclopyr)	EPA 8151A	1	None	EPA 8151M	1	None	Herbicide (G-P Chemical Inventory)
		Roundup (glyphosate)	NCL	0.05	None	EPA 547	5	None/ 700 (Note 12)	Herbicide (RWQCB and G-P Chemical Inventory)
		Spike 80W (tebuthiuron)	NCL	0.2	None	NCL	2	None/ 490 (Note 3)	Herbicide (G-P Chemical Inventory, also reported in previous sampling)
Open burning, including Beehive burners	Ash with byproducts of wood or mixed debris combustion	PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		Dioxins and furans	EPA 8290	1.00E-06	4.62E-06	EPA 8290	1.00E-05	5.00E-06	Analyze select samples where ash, maximum PAH concentrations present. ESL and MDL provided for 2,3,7,8-TCDD
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)
Plywood Plant (Parcel 6)	Phenol-formaldehyde resin	Phenol	EPA 8270	0.33/ 0.03	0.08	EPA 8270	10/ 0.5	5	Report to MDL. Most resins supplied in liquid form. Curing temperature varies by formula from room temperature to 275 F. (USDA, Eckelman)
		Formaldehyde	NA	NA	None	NA	NA	None	Unstable in water (ATSDR)
	Urea-formaldehyde resin	Formaldehyde	NA	NA	None	NA	NA	None	Unstable in water (ATSDR)

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Ponds	Runoff from other areas with dissolved COPCs and sediments	VOCs (water)	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
		TPHg	EPA 8015	1	100	EPA 8015	50	100	
		TPHd, TPHo	EPA 8015	1	100	EPA 8015	50 to 300/78	100	Water TPHo report to MDL of 78.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)
		Cyanide	EPA 9010B	1	(0.0036 for free cyanide)	EPA 9010B or 335.4	10 or 5	(1 for free cyanide)	(RWQCB Orders 94-110, R-2001 0022)
		Cr VI+	EPA 3060A w/ 7199	0.5	1.8	EPA 6020/ EPA 7199	1	11	For water, If total Cr detected by 6020, then analyze samples by 7199.
		Dioxins and furans (sediments)	EPA 8290	1.00E-06	4.62E-06	EPA 8290	1.00E-05	5.00E-06	Analyze select sediment samples where ash/waste oil, maximum PAH concentrations present. ESL and MDL provided for 2,3,7,8-TCDD
		PCBs, individual congeners (sediments)	EPA 8082	0.012	0.22/ 0.089	EPA 8082	0.5/ 0.01 to 0.025	0.014	Analyze select sediment samples where ash/waste oil, maximum PAH concentrations present. Report water samples to MDL. Analyze for congeners rather than Arochlor ranges.

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Power distribution - transformers	Transformer cooling oil	PCBs, individual congeners	EPA 8082	0.012	0.22/ 0.089	EPA 8082	0.5/ 0.01 to 0.025	0.014	Report water samples to MDL. Analyze for congeners rather than Arochlor ranges.
Power generation	Turbine oil, hydraulic oil, machine lubricants, petroleum solvents	TPHd, TPHo	EPA 8015	1	100	EPA 8015	50 to 300/ 78	100	Water TPHo report to MDL of 78.
		VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
Roadway dust control	Possible use of used motor oil/ waste oil for dust suppression (not specifically documented)	TPHo	EPA 8015	1	500	EPA 8015	300/ 78	100	Sample at representative subset of roads. Water TPHo report to MDL of 78.
		VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Sample at representative subset of roads. Reference ESL for DCE (1,2-DCA) rather than EDB.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Sample at representative subset of roads. Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	Sample at representative subset of roads. (ESL mins for thallium soil and cadmium water)
		PCBs, individual congeners	EPA 8082	0.012	0.22/ 0.089	EPA 8082	0.5/ 0.01 to 0.025	0.014	Sample at representative subset of roads. Report water samples to MDL. Analyze for congeners rather than Arochlor ranges.

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			Method	RI/MDL (mg/kg)		Method	RI/MDL (µg/L)		
Waste Fill	May possibly include log deck scrapings, bottom ash waste, clinker, fly ash, burn debris, waste diesel, motor oil, solvents.	TPHd, TPHo	EPA 8015	1	100	EPA 8015	50 to 300/78	100	Water TPHo report to MDL of 78.
		VOCs	EPA 8260	0.005 for most	4.48E-03	EPA 8260 Low Level	0.5 for most	0.5	Reference ESL for DCE (1,2-DCA) rather than EDB.
		PAHs	EPA 8270	0.067/ 0.01	0.038	EPA 8310	0.1 to 0.2/ 0.01 to 0.05 for most	8.54E-03	Report to MDL. (ESL mins for benzo(a)pyrene soil and dibenzo(a,h) anthracene water)
		Dioxins and furans	EPA 8290	1.00E-06	4.62E-06	EPA 8290	1.00E-05	5.00E-06	Analyze select samples where ash/waste oil, maximum PAH concentrations present. ESL and MDL provided for 2,3,7,8-TCDD
		PCBs, individual congeners	EPA 8082	0.012	0.22/ 0.089	EPA 8082	0.5/ 0.01 to 0.025	0.014	Analyze select samples where ash/waste oil, maximum PAH concentrations present. Report water samples to MDL. Analyze for congeners rather than Arochlor ranges.
		CA Title 22 Metals	EPA 6010B/ 7400	0.15 to 1	1	EPA 6020B	0.25 to 1	1.10	(ESL mins for thallium soil and cadmium water)

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Process	Substances Used or Waste Products	COPCs	Soil		Min ESL / CHHSL (mg/kg)	Water		Min ESL / Other (µg/L)	Notes
			Method	RL/MDL (mg/kg)		Method	RL/MDL (µg/L)		
Water treatment	Alum	Aluminum	NA	NA	None	EPA 6020B	0.25 to 1	87 (Note 7)	Analyze in water.

Notes*Boldface added to some notes for emphasis.**1. Water criterion for tetrachlorophenol of 1 µg/L is US EPA ambient water quality criterion for taste / odor and California Ocean Plan for chlorinated phenols.**2. Water criterion for resorcinol of 30 µg/L is California Ocean Plan for nonchlorinated phenols.**3. EPA IRIS reference dose for drinking water.**4. CA DHS action level for drinking water.**5. CA EPA cancer potency factor as drinking water level.**6. Taste and odor threshold.**7. Water criterion for aluminum is US EPA ambient water quality criterion for freshwater aquatic habitat, 4-day average.**8. Water criterion NOEL Daphnia magna (WWPI, 2001)**9. US EPA drinking water health advisory or SNARL**10. US EPA/ NAS drinking water health advisory or SNARL, non-cancer.**11. US EPA ambient water quality criterion for saltwater aquatic habitat, 1-hour average.**12. CA EPA Primary MCL.**µg/L = microgram(s) per liter**ATSDR = Agency for Toxic Substances and Disease Registry**BTEX = benzene, toluene, ethylbenzene, xylenes**C&T = Curtis & Tompkins, Ltd.**CHHSL = California Human Health Screening Levels**COPC = chemical(s) of potential concern**Cr = chromium**DCA = dichloroethane**DCE = dichloroethene**DDAC = didecylmethyl- ammonium chloride**DEQ = Department of Environmental Quality, State of Oregon**DHS = Department of Health Services**DTSC = Department of Toxic Substances Control**EDB = ethylene dibromide**EPA = United States Environmental Protection Agency**ESL = Environmental Screening Level**F = degrees Fahrenheit**GC = gas chromatograph**G-P = Georgia Pacific**IRIS = Integrated Risk Information System**MCL = maximum contaminant level**MDL = method detection limit**mg/kg = milligram(s) per kilogram**MS = mass spectrometry**NAS = National Academy of Sciences**NCL = North Coast Laboratories, Ltd.**NOEL = No Observable Effect Level**OEHHA = Office of Environmental Health Hazard Assessment**PAH = polynuclear aromatic hydrocarbon**PCB = polychlorinated biphenyl**PCP = pentachlorophenol**RL = Reporting Limit**RWQCB = Regional Water Quality Control Board**SNARL = Suggested No Adverse Response Level**TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin**TPH = total petroleum hydrocarbon(s)**TPHd = total petroleum hydrocarbon(s) as diesel**TPHo = total petroleum hydrocarbon(s) as motor oil**USDA = United States Department of Agriculture**VOC = volatile organic compound**WWPI = Western Wood Preservers Institute*